Listing of Claims:

- 1. (Previously Presented) A method for the processing and displaying of test results of one or more tests taken by a plurality of test-takers, the method comprising:
- (a) obtaining, with respect to each such test, the test itself, said test having a plurality of items;
 - (b) obtaining item responses of test-takers taking such test;
- (c) identifying a skill set comprising one or more skills for said test, at least one of said skills being necessary for a correct response for each item of the plurality of items determining appropriate skill categories necessary for a correct response for each of said items;
- (d) assessing the extent to which each item on the test assesses one or more of the skills identified determined in (c); and
- (e) calculating a score for each student's test-taker's performance in each of said skill categories skills.
- 2. (Previously Presented) A method in accordance with claim 1, further comprising calculating the scores of a group within skill categories skills, said group defined as a plurality of test-takers.
- 3. (Previously Presented) A method in accordance with claim 2, further comprising generating evaluation and formative statements for individual test-takers and groups.
- 4. (Previously Presented) The method in accordance with claim 3, further comprising organizing instructional material based on the content of the test.
- 5. (Previously Presented) The method in accordance with claim 4, further comprising displaying test results and instructional material to individuals.

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

6. (Previously Presented) A method for generating skill by skill scores for individual test-takers of a test, the method comprising:

- (a) generating multiple potential skill sets, whereby each skill set includes one or more skills tested on the test;
- (b) producing an item skill coding matrix for the test with respect to each of the skill sets, wherein each test item is assigned to a single skill of said skill set;
- (c) implementing an iterative procedure in which pedagogical experts and statistical experts engage in a joint selection process whereby a single skill set and a single item skill coding matrix are selected from among the aforementioned skill sets and corresponding coding matrices; and
- (d) applying the selected skill set and the selected item skill coding matrix to each test-taker's set of item responses in order to determine skill by skill scores for each test-taker.
- 7. (Previously Presented) The method of claim 6 wherein the item skill coding matrices are non-binary and reflect assignments of each item to one or more skills in proportion to the extent to which the item is deemed tested by said skills.
- 8. (Previously Presented) A method for generating evaluative or formative statements for individual test-takers with respect to skills assessed on a test, the method comprising:
- (a) obtaining as inputs for a first probabilistic function the test-takers' overall scores on the test as a whole;
 - (b) obtaining as inputs for the first function a set of skills assessed on the test;
- (c) obtaining as inputs for first function the test-takers' skill-by-skill scores on each skill assessed on the test;
- (d) obtaining as inputs for the first function a score-to-statement mapping between (i) individual test-takers' possible scores on the test as a whole, and (ii) a set of overall evaluative or formative statements used to describe individual test-takers' overall performance on the test as a

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

whole; and

(e) employing the first function to select, based on the inputs obtained in (a) through (d), one

of the overall evaluative or formative statements to describe each test-taker's performance on each

skill assessed on the test.

9. (Previously Presented) The method according to claim 8 comprising:

(f) obtaining as inputs for a second function the overall evaluative or formative statements

describing each test-taker's performance on each skill assessed on the test, resulting from the first

function;

(g) obtaining as inputs for the second function a statement-to-statement mapping between

(i) a set of overall evaluative or formative statements used to describe the individual test-takers'

possible scores on the test as a whole, and (ii) a set of skill-appropriate evaluative or formative

statements; and

(h) employing the second function to select, based on the inputs obtained in (f) and (g), a

skill-appropriate evaluative or formative statement to each test-taker's performance on each skill

assessed on the test.

10. (Previously Presented) A method for calculating individual test-takers' growth potential

in particular skills assessed on a test, the method comprising:

(a) obtaining as inputs for a first function skill-by-skill scores of individual test-takers on

each of the skills assessed on the test;

(b) obtaining as inputs for the first function benchmark skill scores of a larger group of test-

takers on each of the skills evaluated by the test, wherein the larger group includes said individual

test-takers; and

(c) employing the first function to calculate, based on said inputs, a numerical score

reflecting each individual test-taker's growth potential in each skill, wherein the first function is a

Page 4 of 33

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

non-increasing function of the inputs referred to in (a) and a non-decreasing function of the inputs referred to in (b).

- 11. (Previously Presented) The method according to claim 10 comprising:
- (d) obtaining as additional inputs for the first function a quantitative calculation of the extent to which each skill was tested on the test, wherein the first function is a non-decreasing function of said additional inputs.
 - 12. (Previously Presented) The method according to claim 10 comprising:
- (e) obtaining as inputs for a second function the numerical scores calculated by the first function;
- (f) obtaining as inputs for the second function a score-to-statement mapping between (i) the calculated numerical scores and (ii) a set of skill-appropriate evaluative or formative statements; and
- (g) employing the second function to assign, based on said inputs, a skill-appropriate evaluative or formative statement to each test-taker's performance on each tested skill based on the test-taker's growth potential in said skill.
- 13. (Previously Presented) A method for assigning an appropriate evaluative or formative statement in a skill to a group of test-takers based on their results on a test, the method comprising:
- (a) with respect to a single skill, obtaining as inputs all assignments of evaluative or formative statements for individual test-takers based on their results on the test;
- (b) with respect to that skill, calculating a number of times each evaluative or formative statement was assigned to individual test-takers in the group; and
- (c) with respect to that skill, assigning to the group the evaluative or formative statement assigned to the greatest number of test-takers in the group.

14. (Previously Presented) A method for choosing an instructional approach in a skill appropriate for a group of test-takers based on results of a test, the method comprising:

- (a) identifying a set of potential instructional approaches in the skill;
- (b) estimating the utility of each identified instructional approach with respect to each individual test-taker, based on that test-taker's performance in the skill on the test; and
- (c) determining which of the potential instructional approaches in the skill maximizes an aggregated utility of all individual test-takers in the group.
- 15. (Previously Presented) A method for displaying test-takers' results on a test administered during the prior instructional timeframe, the method comprising:
- (a) obtaining test-takers' skill-by-skill scores or evaluative or formative statements with respect to a test that (i) is administered during a given instructional timeframe and (ii) assesses a subject in which the class groupings of test-takers for purposes of instruction varies between that instructional timeframe and a next analogous instructional timeframe; and
- (b) displaying skill-by-skill scores or evaluative or formative statements with respect to those test-takers, wherein displays of such test-takers are organized around class groupings of a next analogous instructional timeframe.
 - 16. (Previously Presented) A method for displaying test results, the method comprising:
- (a) providing a printed report that includes test results and related information for one or more tests and that includes one or more access codes to enable a recipient to access secure accounts on a computer network that contain additional test results and related information; and
 - (c) distributing the report to an appropriate recipient.
 - 17. (Previously Presented) The method according to claim 16 comprising:
 - (d) providing access to the secure accounts via the computer network in response to the

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

recipient entering the one or more access codes.

18. (Previously Presented) A method for providing results of a group of test-takers with

respect to multiple skills assessed on a test, the method comprising:

(a) displaying the results of the group of test-takers in multiple tested skills, such that a single

display includes names of tested skills and corresponding scores or evaluative or formative

statements reflecting the group's results in each skill;

(b) employing an electronic interface to enable a viewer to select a tested skill from the

display and thereby view another display of the results of the group of test-takers in a single skill;

and

(c) displaying the results of the group of test-takers in the single skill, wherein the latter-

mentioned display includes a list of test-takers' names and a presentation of the scores or the

evaluative or formative statements applying to each individual test-taker in the skill.

19. (Previously Presented) The method according to claim 18 wherein the display referred

to in (c) includes a presentation of individual test-takers' names, shown in subgroups corresponding

to the evaluative or formative statement appropriate to each subgroup.

20. (Previously Presented) The method according to claim 18 comprising:

(d) employing an electronic interface to enable the viewer to select another tested skill and

thereby view a display of the results of the group of test-takers in a single skill, such that the latter-

mentioned display includes a presentation of the scores or the evaluative or formative statements

applying to each individual test-taker in that skill.

21. (Previously Presented) A method for providing results of one or more test-takers with

respect to multiple skills assessed on a test, together with skill-specific instructional materials

appropriate to that group of test-takers, the method comprising:

Page 7 of 33

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

(a) displaying the results of one or more test-takers in multiple tested skills, such that a single display includes names of tested skills and corresponding scores or evaluative or formative statements reflecting the test-takers' aggregate results in each skill; and

(b) employing an electronic interface to enable a viewer of the display to select a tested skill and thereby view instructional materials relevant to that skill.

22. (Previously Presented) The method according to claim 21 wherein the instructional materials include instructional materials of a difficulty level appropriate to the test-takers based on their performance on the test.

23. (Previously Presented) A method for providing results of one or more test-takers with respect to skills assessed on one or more multi-skill tests, enabling the administration of skill specific assessments, and displaying the results thereof, the method comprising:

(a) displaying the results of one or more test-takers in multiple tested skills on a single test, such that a single display includes names of the tested skills and, for each skill, corresponding scores or evaluative or formative statements reflecting the test-takers' aggregate results in that skill;

(b) employing an electronic interface to enable a viewer of the display to select a tested skill and thereby view one or more assessments specific to that skill;

(c) employing an electronic interface to enable the viewer to choose an assessment specific to the selected skill;

(d) employing an electronic interface to enable the viewer to distribute, to one or more of the test-takers, the chosen assessment;

(e) employing an electronic interface to enable the viewer to collect results of the chosen assessment specific to the selected skill, for one or more of the same test-takers; and

(f) employing an electronic interface to enable the viewer, from a single display, to choose to view (i) displays of test-takers' results in a given skill based on one or more multi-skill tests or

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

(ii) displays of test-takers' results on one or more assessments specific to the selected skill, wherein each of the displays includes a list of test-takers' names and a presentation of the scores or the evaluative or formative statements applying to each individual test-taker in that skill.

24.(Previously presented) A method for providing results of a group of test-takers with respect to multiple skills assessed on a test, the method comprising:

- (a) displaying overall results of the group of test-takers on the test, such that a single display includes multiple test-takers and corresponding overall scores in the test for each individual test-taker;
- (b) employing an electronic interface to enable a viewer to select an individual test-taker and thereby view a display of that test-taker's results in multiple tested skills; and
- (c) displaying an individual test-taker's results in multiple tested skills, wherein the display includes multiple tested skills with corresponding scores reflecting the test-taker's performance in each tested skill.
- 25. (Previously Presented) The method according to claim 24 wherein the display referred to in (c) includes multiple tested skills with corresponding evaluative or formative statements reflecting the test-taker's performance in each of the tested skills.
- 26. (Previously Presented) A system for processing and displaying test results of one or more tests taken by a plurality of test-takers comprising:

a data intake module to:

- (a) obtain, with respect to each such test, the test itself, said test having a plurality of items; and
 - (b) obtain item responses of test-takers taking such test; and a computer coupled to the data intake module wherein the computer is adapted to:

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

(c) determine appropriate skill categories necessary for a correct response for each of said items:

(d) assess the extent to which each item on the test assesses one or more of the skills determined in (c); and

(e) calculate a score for each student's performance in each of said skill categories.

27. (Previously Presented) The system of claim 26 wherein the computer is adapted to calculate the scores of a group within skill categories, said group defined as a plurality of test-takers.

28. (Previously Presented) The system of claim 27 wherein the computer is adapted to generate evaluation and formative statements for individual test-takers and groups.

29. (Previously Presented) The system of claim 28 wherein the computer is adapted to organize instructional material based on the content of the test.

30. (Previously Presented) The system of claim 29 comprising a display coupled to the computer to display test results and instructional material to individuals.

31. (Previously Presented) A system for generating evaluative or formative statements for individual test-takers with respect to skills assessed on a test, the system comprising:

a data intake module to:

(a) obtain as inputs for a first probabilistic function the test-takers' overall scores on the test as a whole;

(b) obtain as inputs for the first function a set of skills assessed on the test; (c) obtain as inputs for first function the test-takers' skill-by-skill scores on each skill assessed on the test; and

(d) obtain as inputs for the first function a score-to-statement mapping between (i) individual test-takers' possible scores on the test as a whole, and (ii) a set of overall evaluative or formative

statements used to describe individual test-takers' overall performance on the test as a whole; and a computer coupled to the data intake module wherein the computer is adapted to:

- (e) employ the first function to select, based on the inputs obtained in (a) through (d), one of the overall evaluative or formative statements to describe each test-taker's performance on each skill assessed on the test.
- 32. (Previously Presented) The system according to claim 31 wherein the data intake module is adapted to:
- (f) obtain as inputs for a second function the overall evaluative or formative statements describing each test-taker's performance on each skill assessed on the test, resulting from the first function; and
- (g) obtain as inputs for the second function a statement-to-statement mapping between (i) a set of overall evaluative or formative statements used to describe the individual test-takers' possible scores on the test as a whole, and (ii) a set of skill-appropriate evaluative or formative statements; and

wherein the computer is adapted to:

- (h) employ the second function to select, based on the inputs obtained in (f) and (g), a skill-appropriate evaluative or formative statement to each test-taker's performance on each skill assessed on the test.
- 33. (Previously Presented) A system for calculating individual test-takers' growth potential in particular skills assessed on a test comprising:

a data intake module to:

(a) obtain as inputs for a first function skill-by-skill scores of individual test-takers on each of the skills assessed on the test; and

(b) obtain as inputs for the first function benchmark skill scores of a larger group of test-takers on each of the skills evaluated by the test, wherein the larger group includes said individual test-takers; and

a computer coupled to the data intake module wherein the computer is adapted to:

- (c) employ the first function to calculate, based on said inputs, a numerical score reflecting each individual test-taker's growth potential in each skill, wherein the first function is a non-increasing function of the inputs referred to in (a) and a non-decreasing function of the inputs referred to in (b).
- 34. (Previously Presented) The system according to claim 33 wherein the data intake module is adapted to:
- (d) obtain as additional inputs for the first function a quantitative calculation of the extent to which each skill was tested on the test, wherein the first function is a non-decreasing function of said additional inputs.
- 35. (Previously Presented) The system according to claim 33 wherein the data intake module is adapted to:
- (e) obtain as inputs for a second function the numerical scores calculated by the first function; and
- (f) obtain as inputs for the second function a score-to-statement mapping between (i) the calculated numerical scores and (ii) a set of skill-appropriate evaluative or formative statements; and wherein the computer is adapted to:
- (g) employ the second function to assign, based on said inputs, a skill-appropriate evaluative or formative statement to each test-taker's performance on each tested skill based on the test-taker's growth potential in said skill.

- 36. (Previously Presented) A system for assigning an appropriate evaluative or formative statement in a skill to a group of test-takers based on their results on a test, the system comprising: a data intake module to:
- (a) with respect to a single skill, obtain as inputs all assignments of evaluative or formative statements for individual test-takers based on their results on the test; and
 - a computer coupled to the data intake module wherein the computer is adapted to:
- (b) with respect to that skill, calculate a number of times each evaluative or formative statement was assigned to individual test-takers in the group; and
- (c) with respect to that skill, assign to the group the evaluative or formative statement assigned to the greatest number of test-takers in the group.
- 37. (Previously Presented) A system for choosing an instructional approach in a skill appropriate for a group of test-takers based on results of a test, the system comprising:

a computer adapted to:

- (a) identify a set of potential instructional approaches in the skill;
- (b) estimate the utility of each identified instructional approach with respect to each individual test-taker, based on that test-taker's performance in the skill on the test; and
- (c) determine which of the potential instructional approaches in the skill maximizes an aggregated utility of all individual test-takers in the group.
- 38. (Previously Presented) A system for displaying test-takers' results on a test administered during the prior instructional timeframe, the system comprising:

a data intake module to:

(a) obtain test-takers' skill-by-skill scores or evaluative or formative statements with respect to a test that (i) is administered during a given instructional timeframe and (ii) assesses a subject in which the class groupings of test-takers for purposes of instruction varies between that instructional

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

timeframe and a next analogous instructional timeframe;

a display; and

a computer coupled to the display and the data intake module, wherein the computer is

adapted to:

(b) cause to be displayed on the display skill-by-skill scores or evaluative or formative

statements with respect to those test-takers, wherein displays of such test-takers are organized around

class groupings of a next analogous instructional timeframe.

39. (Previously Presented) A system for providing results of a group of test-takers with

respect to multiple skills assessed on a test, the system comprising:

a display to display the results of the group of test-takers in multiple tested skills, such that

a single screen on the display includes names of tested skills and corresponding scores or evaluative

or formative statements reflecting the group's results in each skill; and

an electronic interface to enable a viewer to select a tested skill from the display and thereby

view another display of the results of the group of test-takers in a single skill,

wherein, in response to the viewer's selection, the display displays the results of the group

of test-takers in the single skill together with a list of test-takers' names and a presentation of the

scores or the evaluative or formative statements applying to each individual test-taker in the skill.

40. (Previously Presented) The system according to claim 39 wherein, in response to the

viewer's selection, the display also includes a presentation of individual test-takers' names, shown

in subgroups corresponding to the evaluative or formative statement appropriate to each subgroup.

Page 14 of 33

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

41. (Previously Presented) The system according to claim 39 wherein the electronic interface

enables the viewer to select another tested skill and thereby view a display of the results of the group

of test-takers in a single skill together with a presentation of the scores or the evaluative or formative

statements applying to each individual test-taker in that skill.

42. (Previously Presented) A system for providing results of one or more test-takers with

respect to multiple skills assessed on a test, together with skill-specific instructional materials

appropriate to that group of test-takers, the system comprising:

a display to display the results of one or more test-takers in multiple tested skills, such that

a single screen on the display includes names of tested skills and corresponding scores or evaluative

or formative statements reflecting the test-takers' aggregate results in each skill; and

an electronic interface to enable a viewer of the display to select a tested skill and thereby

view instructional materials relevant to that skill.

43. (Previously Presented) The system according to claim 42 wherein the instructional

materials include instructional materials of a difficulty level appropriate to the test-takers based on

their performance on the test.

44. (Previously Presented) A system for providing results of one or more test-takers with

respect to skills assessed on one or more multi-skill tests, enabling the administration of skill specific

assessments, and displaying the results thereof, the system comprising:

a display to display the results of one or more test-takers in multiple tested skills on a single

test, such that a single screen on the display includes names of the tested skills and, for each skill,

corresponding scores or evaluative or formative statements reflecting the test-takers' aggregate

results in that skill; and

an electronic interface to enable a viewer of the display to:

Page 15 of 33

select a tested skill and thereby view one or more assessments specific to that skill;

choose an assessment specific to the selected skill;

distribute, to one or more of the test-takers, the chosen assessment;

collect results of the chosen assessment specific to the selected skill, for one or more of the

same test-takers; and

choose, from a single screen on the display, to view (i) displays of test-takers' results in a

given skill based on one or more multi-skill tests or (ii) displays of test-takers' results on one or more

assessments specific to the selected skill, wherein each of the displays includes a list of test-takers'

names and a presentation of the scores or the evaluative or formative statements applying to each

individual test-taker in that skill.

45. (Previously Presented) A system for providing results of a group of test-takers with

respect to multiple skills assessed on a test, the system comprising:

a display to display overall results of the group of test-takers on the test, such that a single

display includes multiple test-takers and corresponding overall scores in the test for each individual

test-taker; and

an electronic interface to enable a viewer to select an individual test-taker and thereby view

a display of that test-taker's results in multiple tested skills;

wherein, in response to the viewer's selection, the display displays an individual test-taker's

results in multiple tested skills, wherein the display includes multiple tested skills with

corresponding scores reflecting the test-taker's performance in each tested skill.

46. (Previously Presented) The system according to claim 45 wherein, in response to the

viewer's selection, the display displays multiple tested skills with corresponding evaluative or

formative statements reflecting the test-taker's performance in each of the tested skills.

Page 16 of 33

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

47. (Previously Presented) An article for processing and displaying test results of one or more tests taken by a plurality of test-takers, the article comprising a computer-readable medium storing computer-executable instructions that, when applied to a computer system, cause the computer system to:

(a)obtain, with respect to each such test, the test itself, said test having a plurality of items; and

(b)obtain item responses of test-takers taking such test;

(c)determine appropriate skill categories necessary for a correct response for each of said items;

(d)assess the extent to which each item on the test assesses one or more of the skills determined in (c); and

(e)calculate a score for each student's performance in each of said skill categories.

- 48. (Previously Presented) The article of claim 47 wherein the medium includes instructions for causing the computer system to calculate the scores of a group within skill categories, said group defined as a plurality of test-takers.
- 49. (Previously Presented) The article of claim 48 wherein the medium includes instructions for causing the computer system to generate evaluation and formative statements for individual test-takers and groups.
- 50. (Previously Presented) The article of claim 49 wherein the medium includes instructions to cause the computer system to organize instructional material based on the content of the test.
- 51. (Previously Presented) The article of claim 50 wherein the medium includes instructions to cause the computer system to display test results and instructional material to individuals.

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

52.(Previously presented) An article for generating evaluative or formative statements for individual test-takers with respect to skills assessed on a test, the article comprising a computer-readable medium storing computer-executable instructions that, when applied to a computer system, cause the computer system to:

(a) obtain as inputs for a first probabilistic function the test-takers' overall scores on the test as a whole;

- (b) obtain as inputs for the first function a set of skills assessed on the test;
- (c) obtain as inputs for first function the test-takers' skill-by-skill scores on each skill assessed on the test; and
- (d) obtain as inputs for the first function a score-to-statement mapping between (i) individual test-takers' possible scores on the test as a whole, and (ii) a set of overall evaluative or formative statements used to describe individual test-takers' overall performance on the test as a whole; and
- (e) employ the first function to select, based on the inputs obtained in (a) through (d), one of the overall evaluative or formative statements to describe each test-taker's performance on each skill assessed on the test.
- 53. (Previously Presented) The article according to claim 52 wherein the medium includes instructions for causing the computer system to:
- (f) obtain as inputs for a second function the overall evaluative or formative statements describing each test-taker's performance on each skill assessed on the test, resulting from the first function;
- (g) obtain as inputs for the second function a statement-to-statement mapping between (i) a set of overall evaluative or formative statements used to describe the individual test-takers' possible scores on the test as a whole, and (ii) a set of skill-appropriate evaluative or formative statements; and
 - (h) employ the second function to select, based on the inputs obtained in (f) and (g), a skill-

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

appropriate evaluative or formative statement to each test-taker's performance on each skill assessed on the test.

54. (Previously Presented) An article for calculating individual test-takers' growth potential

in particular skills assessed on a test, the article comprising a computer-readable medium storing

computer-executable instructions that, when applied to a computer system, cause the computer

system to:

(a) obtain as inputs for a first function skill-by-skill scores of individual test-takers on each

of the skills assessed on the test; and

(b) obtain as inputs for the first function benchmark skill scores of a larger group of test-

takers on each of the skills evaluated by the test, wherein the larger group includes said individual

test-takers; and

(c) employ the first function to calculate, based on said inputs, a numerical score reflecting

each individual test-taker's growth potential in each skill, wherein the first function is a non-

increasing function of the inputs referred to in (a) and a non-decreasing function of the inputs

referred to in (b).

55. (Previously Presented) The article according to claim 54 wherein the medium includes

instructions to cause the computer system to:

(d) obtain as additional inputs for the first function a quantitative calculation of the extent

to which each skill was tested on the test, wherein the first function is a non-decreasing function of

said additional inputs.

56. (Previously Presented) The article according to claim 54 wherein the medium includes

instructions to cause the computer system to:

(e) obtain as inputs for a second function the numerical scores calculated by the first

Page 19 of 33

function;

(f) obtain as inputs for the second function a score-to-statement mapping between (i) the

calculated numerical scores and (ii) a set of skill-appropriate evaluative or formative statements; and

(g) employ the second function to assign, based on said inputs, a skill-appropriate evaluative

or formative statement to each test-taker's performance on each tested skill based on the test-taker's

growth potential in said skill.

57. (Previously Presented) An article for assigning an appropriate evaluative or formative

statement in a skill to a group of test-takers based on their results on a test, the article comprising a

computer-readable medium storing computer-executable instructions that, when applied to a

computer system, cause the computer system to:

(a) with respect to a single skill, obtain as inputs all assignments of evaluative or formative

statements for individual test-takers based on their results on the test; and

(b) with respect to that skill, calculate a number of times each evaluative or formative

statement was assigned to individual test-takers in the group; and

(c) with respect to that skill, assign to the group the evaluative or formative statement

assigned to the greatest number of test-takers in the group.

58. (Previously Presented) An article for choosing an instructional approach in a skill

appropriate for a group of test-takers based on results of a test, the article comprising a computer-

readable medium storing computer-executable instructions that, when applied to a computer system,

cause the computer system to:

(a) identify a set of potential instructional approaches in the skill;

(b) estimate the utility of each identified instructional approach with respect to each

individual test-taker, based on that test-taker's performance in the skill on the test; and

(c) determine which of the potential instructional approaches in the skill maximizes an

aggregated utility of all individual test-takers in the group.

Page 20 of 33

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

59. (Previously Presented) An article for displaying test-takers' results on a test administered

during the prior instructional timeframe, the article comprising a computer-readable medium storing

computer-executable instructions that, when applied to a computer system, cause the computer

system to:

(a) obtain test-takers' skill-by-skill scores or evaluative or formative statements with respect

to a test that (i) is administered during a given instructional timeframe and (ii) assesses a subject in

which the class groupings of test-takers for purposes of instruction varies between that instructional

timeframe and a next analogous instructional timeframe;

(b) display skill-by-skill scores or evaluative or formative statements with respect to those

test-takers, wherein displays of such test-takers are organized around class groupings of a next

analogous instructional timeframe.

60. (Previously Presented) An article for providing results of a group of test-takers with

respect to multiple skills assessed on a test, the article comprising a computer-readable medium

storing computer-executable instructions that, when applied to a computer system, cause the

computer system to:

display the results of the group of test-takers in multiple tested skills, such that a single screen

on the display includes names of tested skills and corresponding scores or evaluative or formative

statements reflecting the group's results in each skill; and

enable a viewer, by using an electronic interface, to select a tested skill from the display and

thereby view another display of the results of the group of test-takers in a single skill,

display the results of the group of test-takers in the single skill together with a list of test-

takers' names and a presentation of the scores or the evaluative or formative statements applying to

each individual test-taker in the skill.

61. (Previously Presented) The article according to claim 60 wherein the article includes

Page 21 of 33

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

instructions to cause to be displayed, in response to the viewer's selection, a presentation of

individual test-takers' names, shown in subgroups corresponding to the evaluative or formative

statement appropriate to each subgroup.

62. (Previously Presented) The article according to claim 60 wherein the article includes

instructions to enable the viewer to select another tested skill using the electronic interface and

thereby view a display of the results of the group of test-takers in a single skill together with a

presentation of the scores or the evaluative or formative statements applying to each individual test-

taker in that skill.

63. (Previously Presented) An article for providing results of one or more test-takers with

respect to multiple skills assessed on a test, together with skill-specific instructional materials

appropriate to that group of test-takers, the article comprising a computer-readable medium storing

computer-executable instructions that, when applied to a computer system, cause the computer

system to:

display the results of one or more test-takers in multiple tested skills, such that a single screen

on the display includes names of tested skills and corresponding scores or evaluative or formative

statements reflecting the test-takers' aggregate results in each skill; and

enable a viewer to select a tested skill, by using an electronic interface, and thereby view

instructional materials relevant to that skill.

64. (Previously Presented) The article according to claim 63 wherein the instructional

materials include instructional materials of a difficulty level appropriate to the test-takers based on

their performance on the test.

65. (Previously Presented) An article for providing results of one or more test-takers with

Page 22 of 33

respect to skills assessed on one or more multi-skill tests, enabling the administration of skill specific assessments, and displaying the results thereof, the article comprising a computer-readable medium storing computer-executable instructions that, when applied to a computer system, cause the computer system to:

display the results of one or more test-takers in multiple tested skills on a single test, such that a single screen on the display includes names of the tested skills and, for each skill, corresponding scores or evaluative or formative statements reflecting the test-takers' aggregate results in that skill;

select a tested skill and thereby view one or more assessments specific to that skill;

enable a viewer to choose an assessment specific to the selected skill by using an electronic interface;

enable the viewer, by using the electronic interface, to distribute, to one or more of the test-takers, the chosen assessment;

enable the viewer, by using the electronic interface, to collect results of the chosen assessment specific to the selected skill, for one or more of the same test-takers; and

enable the viewer, by using the electronic interface, to choose, from a single screen on the display, to view (i) displays of test-takers' results in a given skill based on one or more multi-skill tests or (ii) displays of test-takers' results on one or more assessments specific to the selected skill, wherein each of the displays includes a list of test-takers' names and a presentation of the scores or the evaluative or formative statements applying to each individual test-taker in that skill.

66. (Previously Presented) An article for providing results of a group of test-takers with respect to multiple skills assessed on a test, the article comprising a computer-readable medium storing computer-executable instructions that, when applied to a computer system, cause the computer system to:

Resp. dated February 15, 2005

Reply to Not. of Nonresp. Amdt. of December 15, 2005

display overall results of the group of test-takers on the test, such that a single display includes multiple test-takers and corresponding overall scores in the test for each individual test-taker;

enable a viewer, by using an electronic interface, to select an individual test-taker and thereby view a display of that test-taker's results in multiple tested skills; and

in response to the viewer's selection, display an individual test-taker's results in multiple tested skills, wherein the display includes multiple tested skills with corresponding scores reflecting the test-taker's performance in each tested skill.

67. (Previously Presented) The article according to claim 66 wherein the medium includes instructions to cause the computer system, in response to the viewer's selection, to display multiple tested skills with corresponding evaluative or formative statements reflecting the test-taker's performance in each of the tested skills.